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L2: Entry 1 of 1

File: JPAB

Feb 25, 1992

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DOCUMENT-IDENTIFIER: JP 04057234 A

TITLE: METHOD AND DEVICE FOR ALIGNING OPTICAL DISK SUBSTRATES

PUBN-DATE: February 25, 1992

INVENTOR-INFORMATION:

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APPL-NO: JP02163457

APPL-DATE: June 21, 1990

US-CL-CURRENT: 369/272

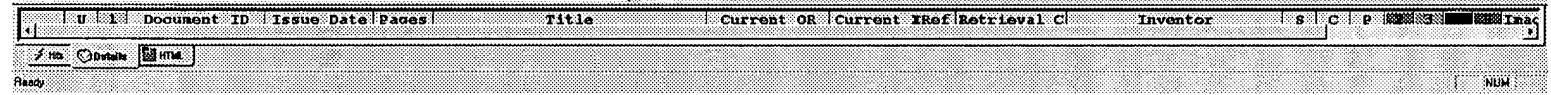
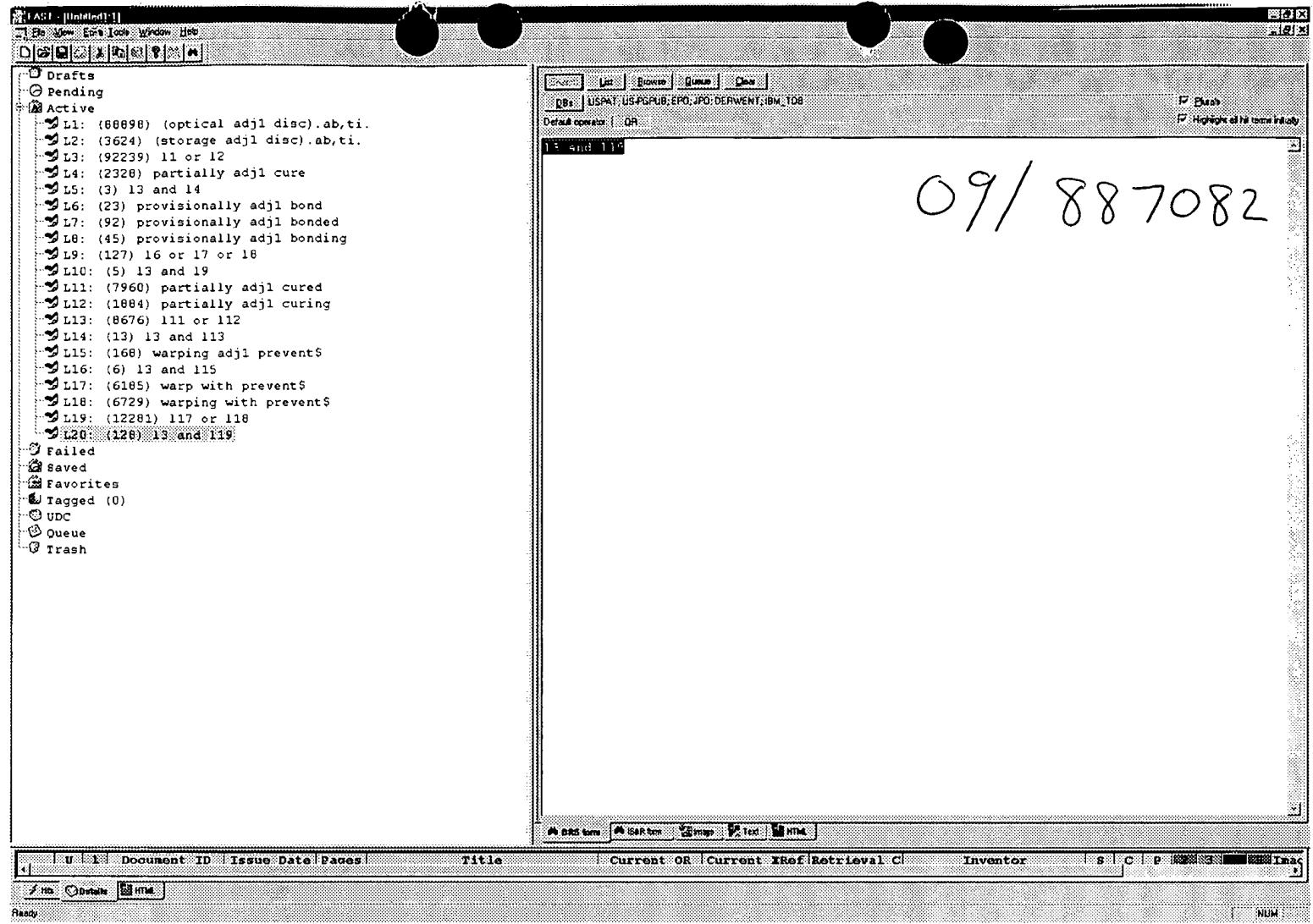
INT-CL (IPC): G11B 7/26

ABSTRACT:

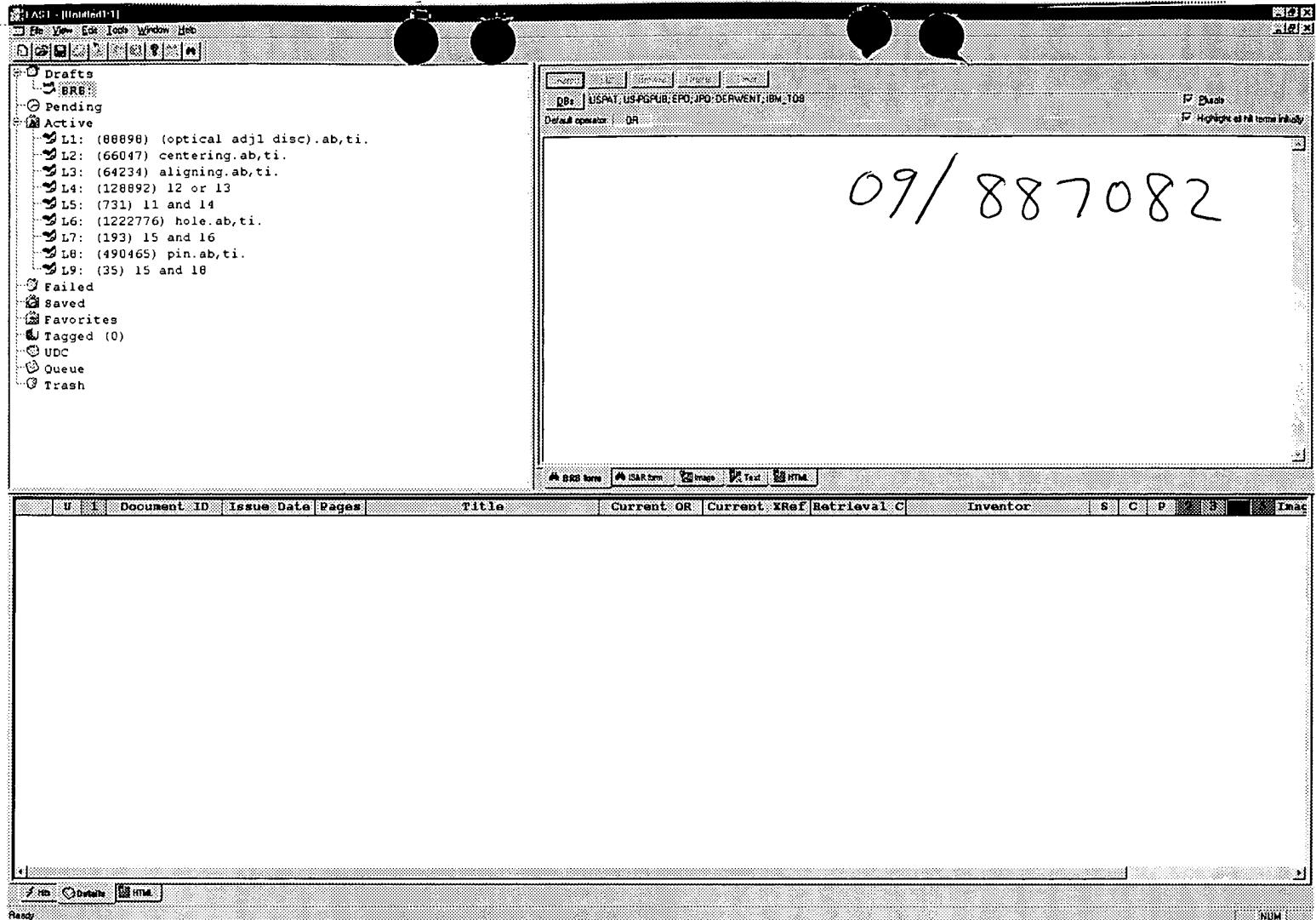
PURPOSE: To align two optical disk substrates with high accuracy by dividing a dividing shaft member, which is inserted to the central hole of the substrate, into divided shaft members divided in a radial direction and making these members relatively movable in the radial direction each other.

CONSTITUTION: A substrate 2 directing the adhesive agent face downward is fitted to an upper jig 6, and a substrate 4 directing the adhesive agent face upward is fitted to a lower jig 8. When the upper jig 6 is pushed up while moving a movable board 72 downward, a bottom part 6c of a hole 6a gets contact with shaft parts 18c and 20c and divided shaft members 18 and 20 are pushed downward. On the other hand, they are guided to a slope 24a of a guiding member 24 and moved in a direction to be separated each other against the inner force of a holding spring 32. When the diameter of a circumscribed circle A is coincident with a diameter for the hole 12a of a center hub 12 and a hole 14a of a center hub 14, both the shaft parts 18c and 20c are stopped in contact with the inner diameter part of the both holes 12a and 14a. Thus, two substrates can be aligned with high accuracy.

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1 ASI - [Untitled-1]

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Drafts Pending Active

- L1: (68898) (optical adj1 disc).ab,ti.
- L2: (481427) adhesive.ab,ti.
- L3: (336926) recoverS.ab,ti.
- L4: (121590) recyclS.ab,ti.
- L5: (433469) 13 or 14
- L6: (6861) 12 and 15
- L7: (11) 11 and 16
- L8: (2900) adhesive with recoverS
- L9: (2533) adhesive with recyclS
- L10: (5274) 18 or 19
- L11: (3624) (storage adj1 disc).ab,ti.
- L12: (92239) 11 or 111
- L13: (15) 110 and 112
- L14: (476) 110 and optical
- L15: (621848) filter.ab,ti.
- L16: (172) 16 and 115
- L17: (34) 18 with filter
- L18: (32) 19 with filter
- L19: (64) 117 or 118
- L20: (66007) uv.ab,ti.
- L21: (655) (light adj1 setting).ab,ti.
- L22: (66601) 120 or 121
- L23: (677149) (filter or filtered).ab,ti.
- L24: (5911) 122 and 123
- L25: (3498) (filter with uv).ab,ti.
- L26: (6684) defoamS.ab,ti.
- L27: (5) 124 and 126
- L28: (2684) adhesive with temperature with viscosity
- L29: (28) 112 and 128
- L30: (458415) tank.ab,ti.
- L31: (9) 121 and 130
- L32: (16301) unused.ab,ti.
- L33: (139) 112 and 132
- L34: (373) unused with adhesive
- L35: (4) 112 and 134
- L36: (727) defoamS with adhesive
- L37: (13) 112 and 136

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DB: USPAT, USAPGPUB, EPO, JPO, DERVENT, IBM, TOS

Default operator: OR

113 and 114

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